



Anti-LGALS3 monoclonal antibody, clone 205906 (DCABY-4137)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The galectins constitute a large family of carbohydrate-binding proteins that function in many systems both intracellularly and following secretion. Galectins contain either one or two carbohydrate recognition domains (CRR) which mediate recognition of N-acetyl-lactosamine-containing glycoproteins. Some galectins exist in multiple isoforms due to alternative splicing. Individual galectins differ in their tissue distribution and in their carbohydrate-binding specificities.
Specificity	Detects human Galectin-3 in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant human Galectin-1, 2, 4, 7, 8, or 10 is observed.
Immunogen	E. coli-derived recombinant human Galectin-3. Ala2-Ile250 Accession Number P17931.5
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	205906
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	LGALS3 lectin, galactoside-binding, soluble, 3 [Homo sapiens (human)]
Official Symbol	LGALS3
Synonyms	LGALS3; lectin, galactoside-binding, soluble, 3; L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2; galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 3
Entrez Gene ID	3958
Protein Refseq	NP_001170859
UniProt ID	A0A024R693
Chromosome Location	14q22.3
Pathway	AGE/RAGE pathway; Advanced glycosylation endproduct receptor signaling; Hedgehog signaling events mediated by Gli proteins; Immune System; Innate Immune System; Spinal Cord Injury;
Function	IgE binding; carbohydrate binding; chemoattractant activity; laminin binding; poly(A) RNA binding; protein binding;